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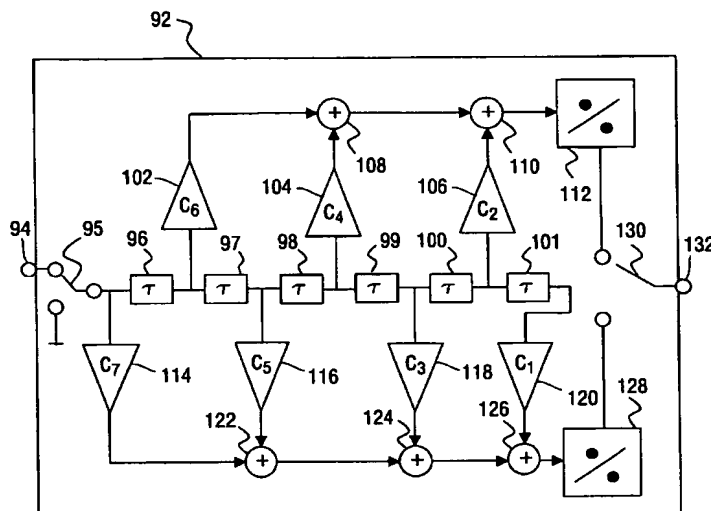
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(54) Title: DIGITAL FILTER WITH SPATIAL SCALABILITY



(57) Abstract: A method, filter and a video coder filtering a signal is described. The filter (92) comprises a first set of multipliers (102, 104, 106) filtering samples of the signal with a first phase of filter coefficients (C2, C4, C6), first summing units (108, 110) adding together the first filtered samples for forming a first sum signal, a second set of multipliers (114, 116, 118, 120) filtering the samples with a second phase of filter coefficients (C1, C3, C5, C7), second summing units (122, 124, 126) adding together the second filtered samples for forming a second sum signal and normalizers (112, 128) dividing the first sum signal with the sum of the first phase coefficients and the second sum signal with the sum of the second phase coefficients for providing first and second output signals. This allows optimisation of the coefficients without making the sums of the coefficient sets equal.



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